CLAIMS

1. (Original) A power supply unit controller for a rack enclosure in which a plurality of devices communicate via a backplane, said controller comprising:

means for reading at least one signal indicative of an output supply level being provided to said backplane by a power supply unit associated with said power supply unit controller;

memory for storing at least one value associated with a respective one of the at least one signal;

means for communicating said at least one value to one of said devices; and

means for receiving power for said power supply unit controller from said backplane.

2. (Original) A rack enclosure including

a backplane,

at least one power supply unit connected to and adapted to supply power to said backplane, each associated with a respective power supply unit controller according to claim 1, and

a plurality of devices receiving power from said backplane, at least one of said devices adapted to communicate with the at least one power supply unit controller.

3. (Original) A rack enclosure as claimed in claim 1 in which one of said devices is an Enclosure Services processor arranged to communicate with a bus controller through one of a SCSI Enclosure Services (SES) or a SCSI Access Fault Tolerant Enclosure (SAF-TE) protocol and said power supply unit controller is adapted to communicate with said Enclosure Services processor.

4. (New) A power supply unit controller for a rack enclosure in which a plurality of devices communicate via a backplane, said controller comprising:

means for reading at least one signal indicative of an output supply level being provided to said backplane by a power supply unit associated with said power supply unit controller;

memory for storing at least one value associated with a respective one of the at least one signal;

means for communicating said at least one stored value to one of said devices; and

means for receiving power for said power supply unit controller from said backplane.